

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)
NISHIDA et al.)
Application Number: To be Assigned)
Filed: Concurrently Herewith)
For: MAGNETIC RECORDING APPARATUS, MAGNETIC)
RECORDING MEDIUM AND MAGNETIC)
RECORDING METHOD)
ATTORNEY DOCKET No. HIRA.0128)

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, submitted herewith.

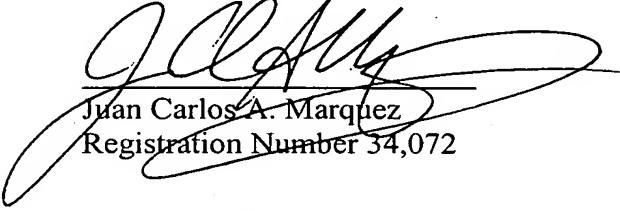
This Information Disclosure Statement is submitted with the initial filing of the application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection
with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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October 30, 2003

U.S. Department of Commerce
Patent and Trademark Office

Information Disclosure Statement by Applicant

ATTY. DOCKET NUMBER
HIRA.0128

SERIAL NUMBER
To be Assigned

APPLICANT
NISHIDA et al.

FILING DATE
Concurrently Herewith

GROUP

U.S. Patent Documents

Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLAS	SUBCLASS	FILING DATE

Foreign Patent Documents

Examiner Initial		DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

		William Cain, Alexander Payne, Michael Baldwinson and Robert Hempstead, "Challenges in the Practical Implementation of Perpendicular Magnetic Recording", IEEE Transactions on Magnetics, Vol. 32, No. 1, January 1996, pp. 97-102

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant